



**US Army Corps
of Engineers®**
New York District

SOUTH SHORE OF STATEN ISLAND, NY

Storm Damage Reduction

FACT SHEET

DESCRIPTION: The study area is located along the south shore of Staten Island, New York City, New York. The study area covers about 13 miles of coast on Staten Island, extending along lower New York Bay and Raritan Bay from Fort Wadsworth to Tottenville at the mouth of Arthur Kill.

The area has a long history of storm damage. The shoreline experienced major erosion and storm damage from the Northeaster of December 1992 and the March 1993 storm. These storms caused evacuations in several communities, damage to hundreds of structures from flooding, and loss of 30 structures from erosion. The December 1992 storm caused damages estimated at \$5,000,000. The loss of beachfront now leaves the area increasingly vulnerable to severe damages even from moderate storms.

AUTHORIZATION: This study is authorized by a resolution of the US House of Representatives Committee on Public Works and Transportation, adopted 13 May 1993. The purpose of this study is to identify possible solutions to hurricane and storm damages in the area, and to determine whether Federal participation is warranted in constructing shore protection measures.

STATUS: The plan of improvement outlined in the June 1995 Reconnaissance Report consists of a combination of beach fill, dunes, levees and floodwalls for the area of Oakwood Beach to Fort Wadsworth.

The feasibility study will develop structural and non-structural alternative plans to ascertain the most suitable solution for the study area problems. The study will also consider the potential for environmental restoration measures. The Feasibility Cost Sharing Agreement was executed on 24 May 1999 between the New York State Department of Environmental Conservation (NYSDEC) and the U.S. Army Corps of Engineers. The NYSDEC has also executed a cost sharing sub-agreement with both the New York City Department of Environmental Protection (NYCDEP) and the New York City Parks and Recreation (NYCDPR). The feasibility study was initiated in August 2000.

The feasibility study is underway and includes data gathering and analysis, screening of potential alternatives and environmental baseline assessment efforts. The feasibility study is scheduled for completion in late 2005.

PROJECT COST:

Estimated Federal Cost	\$1,500,000
Estimated Non-Federal Cost	<u>\$1,500,000</u>
Total	\$3,000,000

CONTACT: Frank Verga, Project Manager, mailto: Frank.Verga@usace.army.mil (212) 264-5536

U.S. Army Corps of Engineers, New York District

26 Federal Plaza, New York, NY 10278

<http://www.nan.usace.army.mil>

District Area, NY #13, Congressional Member: Vito Fossella